

Claim Amendments

Amend the claims as follows:

1. (cancel)
2. (previously cancelled)
3. (previously cancelled)
4. (cancel)
5. (cancel)
6. (New) A solar cell module with improved moisture resistance comprising:
a light incidence front light transmitting member made of a glass containing at least sodium;
a rear member comprising resin film;
a plurality of solar cell elements sealed with a sealing resin between the front light transmitting member and the rear member, wherein each of said plurality of solar cell elements includes
a photoactive hetero junction between a crystalline semiconductor and an amorphous semiconductor with the crystalline semiconductor facing the front member side, and
a continuous, uninterrupted highly doped n-type amorphous silicon layer interposed between the light incidence front light transmitting member and the photoactive hetero junction that blocks movement of sodium ions from entering the photoactive hetero junction.
7. (New) The solar cell module of claim 6, wherein the crystalline semiconductor is a thick bulk semiconductor layer that prevents passage of sodium ions from the front light transmitting member to the photoactive hetero junction.
8. (New) The solar cell module of claim 6, further comprising a front collector electrode positioned adjacent to the front light transmitting member and a rear collector electrode positioned adjacent to the rear member.

9. (New) A solar cell module with improved moisture resistance comprising:
a light incidence front light transmitting member made of a glass containing at least sodium;
a rear member comprising resin film;
a plurality of solar cell elements sealed with a sealing resin between the front light transmitting member and the rear member, wherein each of said plurality of solar cell elements includes:

a thick bulk n-type crystalline silicon substrate, having formed thereon at a first surface facing the rear member, an intrinsic amorphous silicon layer, a p-type amorphous silicon layer, a transparent electrode, and a collector electrode in this order, and having formed thereon at a second surface facing the front light transmitting member;

an intrinsic amorphous silicon layer, a highly doped n-type amorphous silicon layer, a transparent electrode, and a collector electrode in this order;

wherein a pin junction is formed between the n-type crystalline silicon substrate and the p-type thin film amorphous semiconductor layer, and

wherein the highly doped n type amorphous silicon layer is formed as a continuous layer shield that prevents sodium ions from penetrating to the pin junction from the front light transmitting member.

10. (New) A solar cell module with improved moisture resistance comprising:
a light incidence front light transmitting member made of a glass containing at least sodium;
a rear member comprising resin film;
a plurality of solar cell elements sealed with a sealing resin between the front light transmitting member and the rear member, wherein each of said plurality of solar cell elements includes

a bulk phase crystalline semiconductor that forms a continuous layer barrier to the migration of sodium ions from the front light transmitting member to the rear member,

a photoactive hetero junction formed at the rear member side from the crystalline semiconductor and an amorphous semiconductor and positioned between the crystalline semiconductor and the rear member, and

a continuous, uninterrupted highly doped n-type amorphous silicon layer interposed between the light incidence front light transmitting member and the bulk phase crystalline

semiconductor that blocks movement of sodium ions from the light transmitting member to the photoactive hetero junction.

11. (New) The solar cell module of claim 10, further comprising a front collector electrode positioned adjacent to the front light transmitting member and a rear collector electrode positioned adjacent to the rear member.
12. (New) The solar cell module of claim 10, wherein the rear member resin film is transparent to light from the outside.